Diagnosen neuer Landschnecken von den Philippinen.

Von

Dr. O. Fr. von Möllendorff.

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1. *Euplecta kochiana* v. Möll.

T. imperforata, convexo-depressa, acute carinata, tenuis, pellucida, nitens, corneo-albida; spira conoidea lateribus convexis. Anfr. 6 1/2 lente accrescentes, convexiusculi, superne confertim costulati, juxta carinam lineis 2 elevatis approximatis et tertia paullum remota cincti, ultimus basi convexior, minute striatulus et lineis spiralibus minutissimis decussatus, valde nitens, media paullum impressus. Apertura fere verticalis, angulatim lunaris, peristoma simplex, acutum, margine basali sigmoideo-curvato, columellari paullum incrassato et reflexo.

Diam. max. 8, alt. 4 1/2 mm.

Hab. ad vicum Maasin insulae Leyte; comm. cl. O. Koch.

2. *Bensonia radulella* v. Möll.

T. modice umbilicata, depressa, solidiuscula, corneo-fulva; spira modice elata, convexo-conica, apex planiusculus. Anfr. 5 1/2 convexi, lente accrescentes, striis incrementi confertis costulosis et lineis spiralibus acute prominentibus exasperati, ultimus ad peripheriam obtuse angulatus, subtus transversim striatulus et lineis spiralibus tenuissimis decussatus, nitidulus. Apertura obliqua, exciso-subcircularis, peristoma simplex, paullulum expansum, hebes, marginibus callo tenui junctis, columellari superne incrassatulo, paullum dilatato, haud reflexo.

Diam. max. 16, alt. 9, apert. lat. 7 3/4, alt. 6 mm.

Hab. in monte Tirac districtus Lepanto insulae Luzon leg. cl. Dr. A. Schadenberg.

Obs. Affinis *Helici radulae* Pfr. (Mon. Hel. I p. 123) ex provincia Ilocos ejusdem insulae, sed testa minore, angustius umbilicata, colore, carina dificiente, anfractu ultimo subtus minus sculpto, nitidulo, apertura pro latitudine altiore discrepans. Species ambo propter glandulam mucosam pedis Naninidis et verosimiliter generi Bensoniae adscribendae.

3. *Bensonia carinata* v. Möll.

T. modice sed perspective umbilicata, depresse trochiformis, acute carinata, solidula, corneo-lutescens; spira depresse conoidea, lateribus convexiusculis, apex obtusulus. Anfr. fere 6, convexiusculi, lente accrescentes, sutura impressa disjuncti, transverse confertim striati et lineis spiralibus elevatis sat distantibus 7—8 sculpti, ultimus basi convexus, striis radialibus et spiralibus minute granulosus. Apertura obliqua, securiformis, peristoma simpléx, expansiusculum, hebes, intus albolabiatum.

Diam. max. $7\frac{1}{2}$, alt. $4\frac{3}{4}$, apert. lat. $3\frac{1}{2}$, alt. $2\frac{1}{2}$ mm.

Hab. ad vicum Malunú provinciae Isabela in parte septentrionali insulae Luzon leg. cl. O. Hennig.

4. *Bensonia lima* v. Möll.

T. mediocriter sed aperte umbilicata, orbiculato-convexa, tenuiuscula, subpellucida, sericina, pallide corneo-lutescens; spira depresso-convexa, apice obtusulo. Anfr. 6 convexiusculi, confertim et subtiliter costulato-striati, lineis spiralibus, una ad carinam fortiore, reticulati, ultimus basi convexior, transverse striatus et spiraliter minutissime rugulosus. Apertura parum obliqua, angulato-lunaris, peristoma simplex, ab insertione ad carinam rectum, acutum, tum sublabiatum, reflexiusculum, columella superne dilatata.

Diam. max. $8^1/_2$, alt. 5 mm.

Trochomorpha strigalis Hidalgo J. de Conch. 1887 p. 95 (non Pfeiffer).

Hab. in insula Marinduque.

5. *Vitrinoconus glaber* v. Möll.

T. latissime umbilicata, convexo-discoidea, carinata, superne striatula, subtus glabrata, nitens, corneo-flavescens. Anfr. 7 fere plani. ultimus ad peripheriam subacute carinatus, antice non descendens, basi convexior. Apertura obliqua, angulato-lunaris, peristoma simplex, margine supero recto, basali et columellari brevissime reflexo.

Diam. max. $7^1/_2$, alt. $3^1/_4$ mm.

Hab. in insula Marinduque.

6. *Vitrinoconus suturalis* v Möll.

T. anguste sed aperte umbilicata, discoidea, tenuis, pellucida, nitens, corneo-hyalina; spira vix prominula. Anfr. 5 convexi, sutura profunda, canaliculata discreti, striati, ultimus non descendens, subtus glabratus. Apertura parum obliqua, lunaris, peristoma simplex, acutum, margine externo ad insertionem recedente, margine columellari sinuoso, haud reflexo.

Diam. max. 4, alt. vix 2 mm.

Hab. ad vicum Bato insulae Leyte.

7. *Trochomorpha (Videna) boettgeri* v. Möll.

T. umbilicata, umbilico $^1/_5$ diam. adaequante, depressa, discoidea, peracute carinata, solidiuscula, corneo-straminea. opaca, utrimque brunneo-taeniata, taeniis angustis a carina remotis; spira perparum elevata, subconvexa. Anfr. 5 1/2 subplani, lente accrescentes, sutura appressa, interdum pallidiore discreti, striatuli, minutissime granulati, ultimus non descendens, subtus distincte spiraliter striatus, circa umbilicum angulatus, penultimo vix latior. Apertura obliqua, irregulariter triangularis, peristoma simplex, albescens, margo superus brevis, antrorsum protractus, subdeflexus, basalis bene curvatus, callosus, columellaris subreflexus.

Diam. max. 19 1/2—20, alt. 6—6 1/2.

Variat testa minore, taeniis latioribus, diam. 18 1/2, alt. 5 1/2, apert. lat. 8 1/4, alt. 5 1/2 mm.

Trochomorpha conomphala Hidalgo J. de Conch. 1887 p. 94 (non Pfeiffer).

Hab. in insulis Tablas et Romblon leg. cl. J. Quadras.

8. *Trochomorpha (Videna) stenogyra* v. Möll.

T. late umbilicata, umbilico 2/9 diametri adaequante, subplanata aut convexo-depressa, acute carinata, parum nitens, corneo-fulva, unicolor, interdum juxta carinam utrimque taenia dilute fuscescente ornata, spira interdum plana, plerumque depresse convexo-conica, rarius planissima. Anfr. 6 lentissime accrescentes, planulati, sutura leviter impressa albofilosa disjuncti, fasciolatim striati et indistincte granulati, ultimus basi subplanulatus, excepta regione umbilicali spiraliter lineatus, lineis spiralibus interdum evanescentibus, circa umbilicum angulatus, umbilico in profundo anfractus inter se subaequales praebente. Apertura valde obliqua, irregulariter trapezoidea, peristoma simplex, margo superus brevis, strictus, paullum protractus, vix depressus, basalis medio recedens, columellaris subverticalis, arcu levi in marginem basalem descendens, ambo subcallosi.

Diam. max. 22 1/2—23 1/2, alt. 5 1/2—7 mm.

Hab. ad vicum Cuyapo provinciae Nueva Ecija in parte centrali insulae Luzon.

9. *Obbina platyzona* v. Möll.

T. sat anguste umbilicata, convexo-depressa aut depresso-globosa, solidula, lineis spiralibus minutissimis decussata, nitidula, albido-flavescens, taeniis 3 rufo-castaneis, superne una tenui suturae approximata, altera fere in media parte lateris superioris, tertia inferiore a peripheria sat remota, ambabus ultimis saepe usque ad carinam dilatatis ornata; spira convexo-depressa apice plano. Anfr. 5 planiusculi, ultimus plus minusve angulatus vel acute carinatus, antice subito deflexus, pone aperturam scrobiculatus. Apertura fere horizontalis, oblique elliptica, peristoma continuum, albolabiatum, sat expansum, reflexiusculum, superne solutum, margine columellari producto, umbilicum partim obtegente, basali dente crasso munito.

Diam.	max.	29,	alt.	13	mm.
»	»	28,	»	$14\frac{1}{2}$	»
»	»	27,	»	12	»
»	»	$25\frac{1}{2}$	»	$13\frac{1}{2}$	»

Hab. in insulis Camotes.

10. *Chloritis leytensis* v. Möll.

T. aperte umbilicata, depressa, tenuis, corneo-fulva, spira parum elata, apex obtusulus. Anfr. $4\frac{1}{2}$ convexi, sutura profunda discreti, transverse subtiliter striatuli, punctis minutis maxime confertis regulariter dispositis sculpti, in vivis brevissime pilosi, ultimus basi inflatus, circa umbilicum infundibuliformem obtuse angulatus. Apertura parum obliqua, lunato-elliptica, peristoma superne vix, margine externo paullum, basi et ad columellam magis reflexum, margine basali medio paullum protracto.

Diam. max. $17^1/_2$, alt. 10, apert. lat. 10, alt. 8 mm.

Hab. ad vicum Bato insulae Leyte.

11. *Cochlostyla (Corasia) saranganica* v. Möll.

T. imperforata, subglobosa, solidiuscula, corneo-lutea, taenia cuticulae hydrophanae flavescenti-albidae sericinae varie picta; spira semiglobosa apice planato. Anfr. $4^1/_2$ convexiusculi, sat celeriter accrescentes, sutura parum impressa discreti, levissime striatuli, lineolis spiralibus microscopicis decussati, ultimus ad peripheriam plus minusve subangulatus, basi convexior, antice non descendens, circa columellam castaneo-zonatus. Apertura obliqua exciso-subcircularis, peristoma parum expansum, haud reflexum, brunneum, columella strictiuscula, oblique descendens, superne dilatata, extus albo-callosa.

Diam. max. 26, alt. 20, apert. c. callo lat. 18, alt. 15 mm.

Cochlostyla indusiata Hidalgo, J. de Conch. 1887 p. 137 (non Pfeiffer).

Hab. in insula Sarangani prope partem meridionalem insulae Mindanao leg. cl. C. Micholitz.

12. *Cochlostyla (Callicochlias) erythrospira* v. Möll.

T. imperforata, subglobosa, sat tenuis, superne laete violaceo-rubra, tum ex castaneo fusco-nigricans, cuticula hydrophana obscure lignicolore vel corticina, ad peripheriam luteofasciata obducta, spira semiglobosa, apex obtusus. Anfr. $4^1/_2$ convexi, sat celeriter accrescentes, sutura marginata, fere crenulata discreti, subtiliter plicato-striati, ultimus tumidus, basi circa columellam denudatus, nitens, nigricans. Apertura parum obliqua, exciso-circularis, peristoma parum expansum, vix reflexiusculum, pro genere tenue, nigricans, columella leviter curvata, alba, superne valde dilatata.

Diam. max. 32, alt. 24, apert. lat. 22, alt. 20 mm.

Hab. ad vicum Malunú provinciae Isabela in parte septentrionali insulae Luzon leg. cl. O. Fischer et O. Hennig.

13. *Cochlostyla* (*Axina*) *kobelti* v. Möll.

T. imperforata, depresse globosa, angulata, solida, nitidula, olivaceo-lutea, ad suturam brunnescens, taeniis cuticulae hydrophanae albescentis, ad suturam regulariter interruptis ornata; spira depresso-convexa, apice obtuso, fere planato. Anfr. 5 lente accrescentes, convexiusculi, sutura parum impressa disjuncti, leviter striatuli, lineis spiralibus fere microscopicis decussati, rugulis oblique antrorsum descendentibus sculpti, ultimus basi subplanus, malleato-rugulosus, antice breviter sed distincte deflexus. Apertura diagonalis, rotundato-pentagona, peristoma late expansum, reflexiusculum, calloso-labiatum, rufo-brunneum, margo superus sigmoideo-sinuatus, externus medio exciso-canaliculatus, columella brevis, oblique descendens, extus subplicata, basi nodiformi-incrassata.

Diam. max. 48, alt. 32, apert. lat. c. callo 32, alt. 25 mm.

Hab. in monte Limutan districtus Morong in insula Luzon, rarissima.

14. *Cochlostyla* (*Axina*) *schadenbergi* v. Möll.

T. imperforata, angulato-globosa, carinata, solida, laete castanea, cuticula hydrophana, flavescenti-alba, in series macularum fasciatim dispositas lacerata varie picta, spira convexo-conoidea, apex obtusus, pallens. Anfr. 5$^1/_2$ planiusculi, lente accrescentes, sutura sat impressa disjuncti, transverse striatuli, microscopice granulosi, ultimus sub carina crassiuscule exserta impressus, tum convexiusculus, antice subito valde deflexus, in adultis malleatus. Apertura perobliqua, securiformis, peristoma latiuscule expansum, reflexum, incrassatum, albolabiatum, extus brunnescens, margo superus sinuosus, externus medio subcanaliculatus, columella lata, strictiuscula, oblique descendens, cum margine basali angulum obtusum formans, callo lato cincta.

Diam. max. 59, alt. 39, apert. lat. (cum callo) 39, alt. 32 mm.

Hab. in districtu Quiangan provinciae Nueva Vizcaya in parte centrali insulae Luzon.

15. *Cochlostyla (Orthostylus) amaliae* v. Möll.

T. imperforata, ventricosulo-turrita, solida, fusca, cuticula hydrophana lignicolore, ad suturam 3 seriebus macularum alternantium fuscarum et albidarum interdum fulguratim confluentium et subtus 5 taeniis alternatim fuscis et pallide luteis eleganter picta, spira turrita lateribus convexiusculis, apex acutulus, pallescens. Anfr. 7 convexiusculi, sublente accrescentes, sutura sat impressa disjuncti, striatuli et lineis spiralibus minutissimis decussatuli, ultimus ad peripheriam obtuse angulatus, ad aperturam paullatim descendens, basi descrescens. Apertura valde obliqua, rotundato-rhomboidalis, intus alba, peristoma late expansum, reflexiusculum, labiatum, fuscum, columella stricta, subverticalis, oblique intuenti spiraliter torta, cum margine basali angulum fere rectum formante.

Alt. 66, diam. max. $37\frac{1}{2}$, apert. lat. 36, alt. 32 mm.

Hab. in provincia Albay insulae Luzon.

16. *Cyclotus (Pseudocyclophorus) leytensis* v. Möll.

T. sat late umbilicata, convexo-depressa, solida, castanea, maculis albidis confertis, interdum in lineas fulguratas confluentibus ornata. Anfr. 4$^1/_2$ teretes, minutissime striatuli, ad aperturam pallescens, parum descendens. Apertura sat obliqua, circularis, peristoma duplex, externum brevissime expansum, haud reflexum, internum porrectum.

Diam. max. 17, alt. 12 mm.

Hab. ad vicum Bato insulae Leyte.

17. *Ditropis quadrasi* v. Möll.

T. aperte umbilicata, conoideo-depressa, tenuis, ? alba, spira conoidea, apice mamillari. Anfr. 4 convexi, lente accrescentes, subtilissime striatuli, sutura marginata disjuncti, carina acuta, fortiter exserta ad peripheriam, altera mediocri circa umbilicum cinctus. Apertura sat obliqua, rotundato-rhomboidalis, peristoma simplex, vix expansum, valde sinuosum, basi angulatim protractum.

Diam. max. 2, alt. 1$^2/_3$ mm.

Hab. ad vicum Jabonga in parte septentrionali insulae Mindanao leg. sp. unicum cl. J. Quadras.

18. *Lagochilus grande* v. Möll.

T. pro genere late umbilicata, turbinata, tenuis, corneofusca, basi obscurior, strigis et flammis varie ornata; spira regulariter coníca, apex acutulus. Anfr. 6 perconvexi, liris spiralibus valde confertis validiusculis, quarum 2, una ad peripheriam, altera supra eam fortiores, et striis transversis sculpti, ultimus antice sat descendens, ad umbilicum pervium sensim excavatus. Apertura sat obliqua, subcircularis, peristoma subduplicatum, paullum expansum, ad insertionem marginis externi incisum.

Diam. max. 13, alt. 10$^1/_2$ mm.

Variat testa altiore, diam. 13, alt. 12 mm, et minore, diam. 10, alt. 9$^1/_2$ mm.

Hab. ad vicum Bato insulae Leyte.

19. *Lagochilus stenomphalum* v. Möll.

T. perforata, turbinata, tenuis, corneo-flavescens, strigis castaneis ad suturam regularibus et distinctis, tum interruptis, saepe dilutis, infra peripheriam taenia angusta castanea ornata, nitidula; spira regulariter conica apice acuto. Anfr. 5 convexi, sutura valde impressa discreti, carinulis 4 distinctioribus et lineis spiralibus tenuibus sculpti, ultimus basi convexior, carinulis filiformibus 3 tenuissimis circumcinctus. Apertura parum obliqua, circularis, peristoma simplex, parum expansum, albolabiatum, margine supero cum callo parietali angulatim juncto.

Diam. max. $8^1/_2$, alt. $8^1/_4$, apert. diam. $4^1/_2$ mm.

Hab. in provinciae Ilocos insulae Luzon leg. cl. Dr. A. Schadenberg.

20. *Lagochilus bifimbriatum* v. Möll.

T. pro genere modice umbilicata, turbinata, solidula, fusca, ad suturam maculis alternatim luteis et fuscis ad peripheriam evanescentibus picta, spira regulariter conica, apex acutulus. Anfr. 6 perconvexi, supremi glabri, ceteri striati, carinulis 5, quarum 2 supra et infra peripheriam fortiores, cincti, costulis membranaceis in carinulis 2 fortioribus in fimbrias longiusculas et crassiusculas elongatis subtus evanescentibus sculpti, ultimus antice paullum descendens. Apertura sat obliqua, subcircularis, peristoma distincte duplex, internum porrectum, leviter callosum, superne ad anfractum penultimum profundiuscule incisum, externum leviter campanulatum, patens, superne ad insertionem paullum recedens. Operculum tenue, corneum, leviter concavum, anfr. 8.

Diam. max. 11, alt. $9^1/_4$ mm.

Hab. ad vicum Davao insulae Mindanao; comm. cl. Prof. de Martens.

21. *Pupina nana* v. Möll.

T. ovato-conica, solidula, subtiliter sed distincte striatula, valde nitens, corneo-albescens. Anfr. 5 convexiusculi, superiores spiram conicam acutiusculam efficientes, ultimus ventrosus, paullum distortus. Apertura verticalis, subcircularis, peristoma valde incrassatum, albolabiatum, margo externus ad insertionem attenuatus, valde recedens, cum lamella parietali valida, intrante canalem superum subcircularem formans, columellaris dilatatus, medio horizontaliter incisus, incisura in canalem latere apertum subtubuliformem producta.

Alt. $3^1/_4$, diam. $2^1/_2$ mm.

Hab. ad vicum Bato insulae Leyte.

22. *Palaina morongensis* v. Möll.

T. sinistrorsa, ovato-subcylindracea, tenuis, corneo-fulvescens, spira subcylindrica, superne leviter conoidea, apice brunneo. Anfr. 6 convexi, confertim et acute costati, ultimus paullum distortus, penultimo angustior, initio valde constrictus, tum denuo inflatulus. Apertura verticalis, circularis, peristoma duplex, internum porrectum, expansiusculum, superne appressum, externum interruptum, latiuscule expansum.

Alt. $2^1/_4$, lat. $1^1/_4$ mm.

Hab. in montibus altioribus districtus Morong insulae Luzon.

23. *Palaina porrecta* v. Möll.

T. sinistrorsa, umbilicata, ovata, apex acutulus, submamillatus. Anfr. $6^1/_2$ convexi, sutura profunda costis crenata disjuncti, secundus peculiariter angustus, ceteri lente accrescentes, omnes distanter oblique costati, costis obliquis, acutis, ultimus decrescens, initio constrictus, multo distantius costulatus, a tertia parte solutus, deflexus et porrectus, ante aperturam campanulatus. Apertura fere verticalis, circularis, peristoma duplex, internum porrecto-expansum, externum excepta parte supera late expansum.

Alt. 4, diam. med. $2\frac{1}{8}$, apert. c. perist. lat. $1\frac{1}{2}$ mm.

Hab. ad vicum Maasin insulae Leyte.

Beschreibung einer neuen Alexia.

Von

Alfredo Caruana-Gatto (Malta).

Alexia Kobelti n. sp.

Testa conica-oblonga, solidula, oleo micans, corneo-albida; spira elongato-conica, lateribus vix convexis; apex acutiusculus. Anfr. $7\frac{1}{2}$ fere plani, striatuli, sutura appressa, lacera, albo-marginata disjuncti, ultimus lateribus convexiusculis, basi vix attenuatus, $\frac{3}{5}$ altitudinis spirae aequans. Apertura parum obliqua, anguste guttaeformis; plica parietalis unica inferior, major, lamelliformis; plica columellaris minor oblique spiraliter ascendens; peristoma simplex, obtusulum, edentulum, undique brevissime expansum, marginibus callo distincto junctis, dextro superne ad sinulum leviter angulato, tum stricte descendente, basali regulariter rotundato, incrassatulo, columellari dilatato, adnato.

Diam. max. $3\frac{1}{8}$—$3\frac{3}{8}$, alt. apert. $4\frac{1}{4}$, diam. 2 mm.

Differt ab *Al. Payraudeaui* Shuttl., *Biasolettiana* Küster, *Kutschigiana* Küster et *myosotis* Drp. colore semper albo, plica parietali unica, ab *Al. balearica* Dohrn et Heyn. anfractibus fere planis, ab *Al. microstoma* Küst. anfractu ultimo et apertura majoribus, ab *Al. obsoleta* Pfr., cui proxima esse videtur, testa solidula, anfractibus minus convexis, ultimo minore, statura minore.